

Serial No. 09/933,473

Amendments to the Claims:

Claims 1-30 were originally filed. Claims 1-7, 14-17, 23-24, and 29-30 were elected without traverse and claims 8-13, 18-22, and 25-28 were previously canceled.

Claims 1 and 14 have been canceled herein. Claims 2, 4, 15-17, 23, 29, and 30 have been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

Please amend the claims as follows:

1. (Canceled).
2. (Currently Amended) The method of claim 17, ~~[[1,]]~~ wherein the channel assignment message further comprises a flag.
3. (Original) The method of claim 2, wherein the channel assignment message further comprises an active set identifier associated with an active set and the active set's parameters.
4. (Currently Amended) The method of claim 3, wherein the channel assignment message is sent in response to an origination message from the second ~~mobile~~ station.
5. (Original) The method of claim 4, wherein the origination message includes short data burst information.

Serial No. 09/933,473

6. (Original) The method of claim 2, wherein the channel assignment message is sent in response to a paging sequence.

7. (Original) The method of claim 2, wherein the channel assignment message is sent to initiate a call without paging in response to a paging request message from a mobile switching center (MSC).

8. (Canceled).

9. (Canceled).

10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Currently Amended) The method of claim 3, further comprising the second ~~mobile~~ station responding to the channel assignment message with a pilot strength measurement message conditioned on the second ~~mobile~~ station's reception of one or more additional pilot signals at a strength exceeding a threshold.

Serial No. 09/933,473

16. (Currently Amended) The method of claim 15, further comprising the first base station sending an updated channel assignment message in response to the pilot strength measurement message.

17. (Currently Amended) A method for call setup in a wireless communication system comprising:

sending a channel assignment message from a first station to a second station to direct the use of previously negotiated service parameters, wherein the channel assignment message includes previously used active set information; and

~~The method of claim 14, further comprising the second mobile station sending an authentication message to the first base station on a the traffic channel set up in response to the channel assignment message.~~

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Canceled).

22. (Canceled).

23. (Currently Amended) A wireless communication system comprising:

a first station configured to send a channel assignment message to direct the use of previously negotiated service parameters, wherein the channel assignment message includes previously used active set information; and

a second station configured to send ~~for sending~~ to the first station an authentication message on a traffic channel set up in response to the channel assignment message, ~~a channel assignment message to direct the use of the previously negotiated service parameters.~~

Serial No. 09/933,473

24. (Original) The apparatus of claim 23, wherein the channel assignment message comprises a flag.

25. (Canceled).

26. (Canceled).

27. (Canceled).

28. (Canceled).

29. (Currently Amended) An apparatus used to set up a call in a wireless communication system, comprising:

memory; and

a digital signal processing device communicatively coupled to the said memory, the digital signal processing device capable of executing instructions to send channel assignment message from a first station to a second station to direct the use of previously negotiated service parameters, wherein the channel assignment message includes previously used active set information, the digital signal processing device further capable of receiving an authentication message on a traffic channel set up in response to the channel assignment message.

30. (Currently Amended) A wireless communication system, comprising:

a first means for transmitting a signal; and

a second means for transmitting a channel assignment message from a first station to a second station, the channel assignment message used to direct the use of previously negotiated service parameters, the second means also for receiving an authentication message on a traffic channel set up in response to the channel assignment message.